

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
 Data File : BM039816.D
 Acq On : 03 May 2023 00:07
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4095

Quant Time: May 03 04:18:32 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 02 18:41:11 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

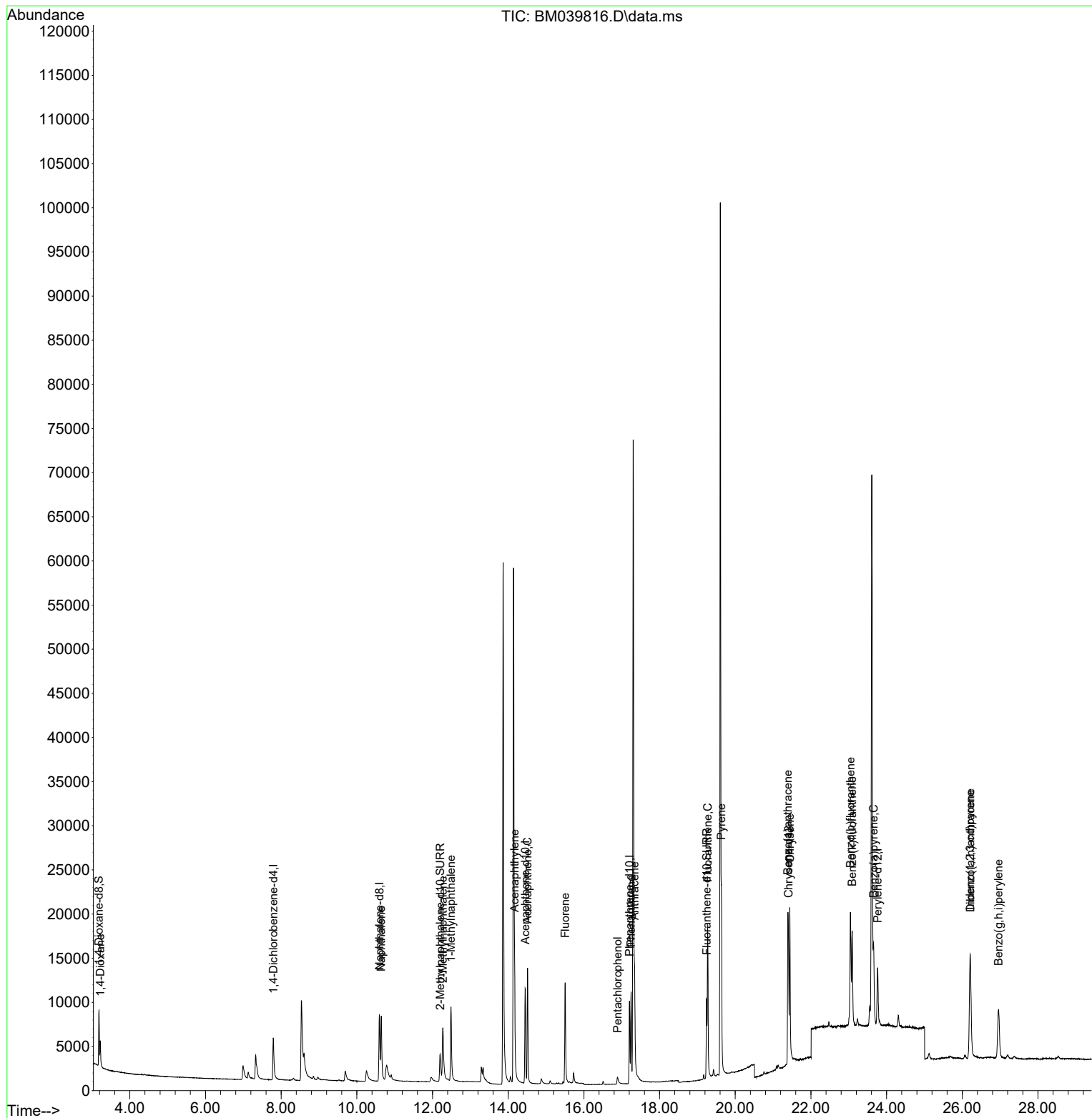
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.791	152	3688	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.595	136	12602	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.451	164	6433	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	11731	0.400	ng/ul	0.00
17) Chrysene-d12	21.407	240	9207	0.400	ng/ul	# 0.00
23) Perylene-d12	23.763	264	9097	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.184	96	3815	0.702	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.201	152	6635	0.410	ng/ul	0.00
18) Fluoranthene-d10	19.243	212	10993	0.444	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.218	88	1733	0.308	ng/ul#	49
5) Naphthalene	10.644	128	11925	0.377	ng/ul	100
7) 2-Methylnaphthalene	12.272	142	6970	0.382	ng/ul	100
8) 1-Methylnaphthalene	12.487	142	7257	0.370	ng/ul	99
10) Acenaphthylene	14.168	152	12942	0.520	ng/ul	99
11) Acenaphthene	14.511	153	7857	0.402	ng/ul	99
12) Fluorene	15.505	166	8533	0.393	ng/ul	98
14) Pentachlorophenol	16.887	266	1024	0.401	ng/ul	96
15) Phenanthrene	17.246	178	11858	0.384	ng/ul	99
16) Anthracene	17.339	178	11730	0.442	ng/ul	99
19) Fluoranthene	19.271	202	16163	0.492	ng/ul	100
20) Pyrene	19.634	202	16782	0.473	ng/ul	99
21) Benzo(a)anthracene	21.389	228	15272	0.577	ng/ul	92
22) Chrysene	21.442	228	17074	0.570	ng/ul	94
24) Benzo(b)fluoranthene	23.043	252	18556	0.581	ng/ul	84
25) Benzo(k)fluoranthene	23.090	252	14986	0.461	ng/ul#	81
26) Benzo(a)pyrene	23.654	252	12366	0.431	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.206	276	15854	0.437	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.213	278	11829	0.420	ng/ul#	79
29) Benzo(g,h,i)perylene	26.960	276	13135	0.416	ng/ul#	85

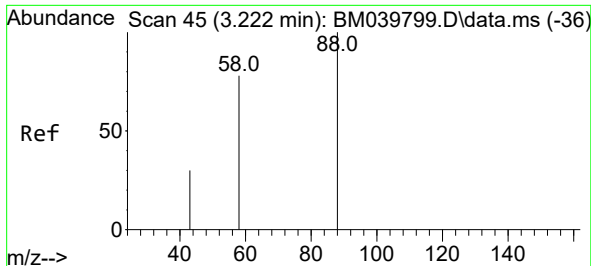
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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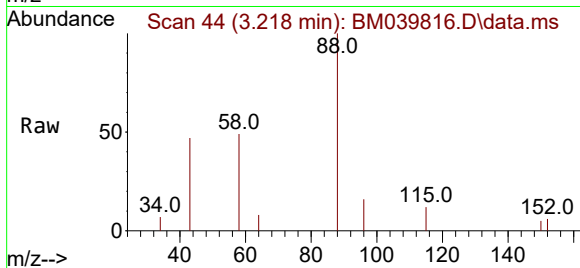
Quant Time: May 03 04:18:32 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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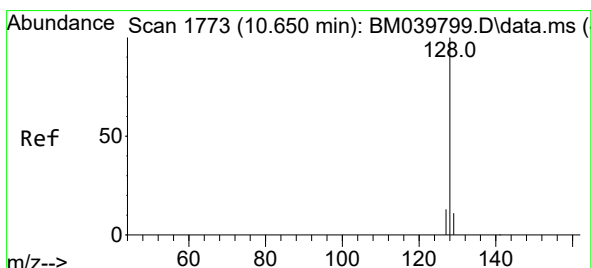
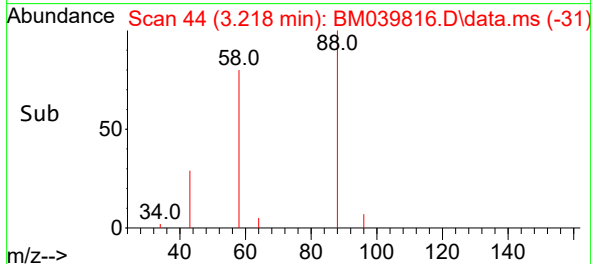
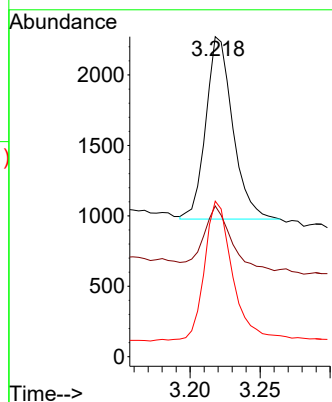


#2
1,4-Dioxane
Concen: 0.308 ng/ul
RT: 3.218 min Scan# 44
Delta R.T. -0.004 min
Lab File: BM039816.D
Acq: 03 May 2023 00:07

Instrument :
BNA_M
ClientSampleId :
SSTD0.4095

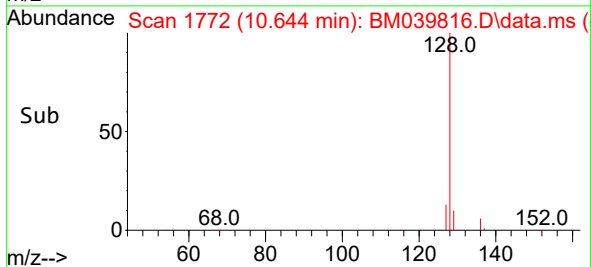
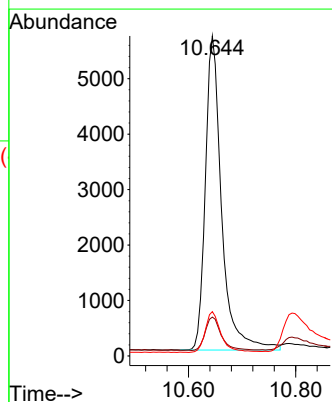
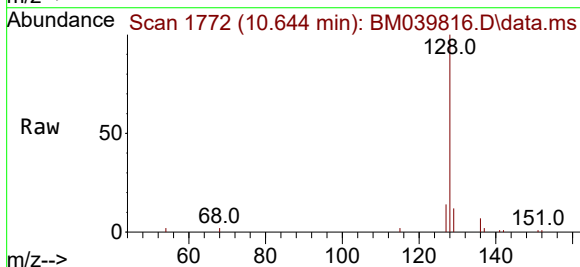


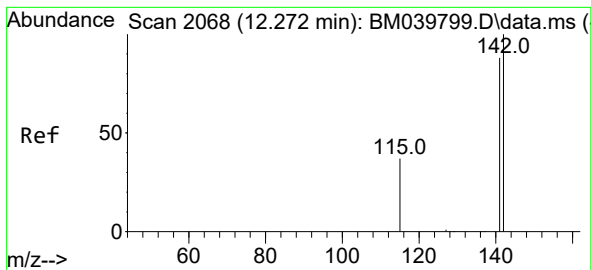
Tgt Ion: 88 Resp: 1733
Ion Ratio Lower Upper
88 100
43 47.1 102.6 153.8#
58 48.6 40.6 61.0



#5
Naphthalene
Concen: 0.377 ng/ul
RT: 10.644 min Scan# 1772
Delta R.T. -0.005 min
Lab File: BM039816.D
Acq: 03 May 2023 00:07

Tgt Ion: 128 Resp: 11925
Ion Ratio Lower Upper
128 100
129 12.2 9.8 14.6
127 13.9 11.1 16.7

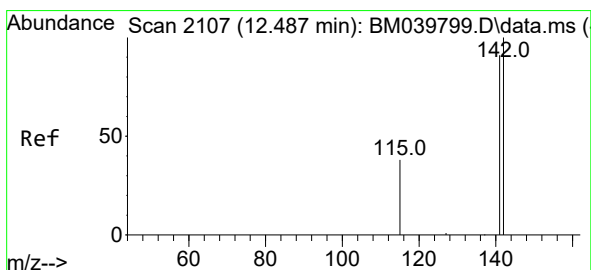
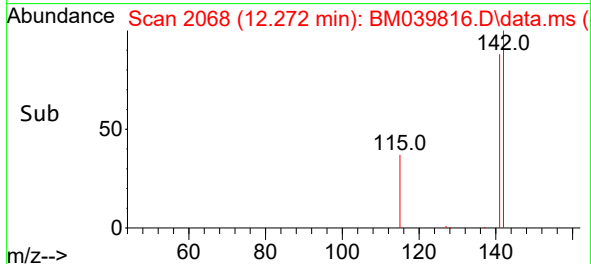
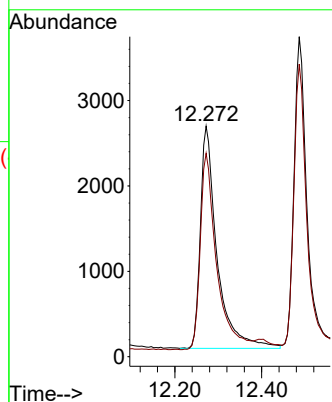
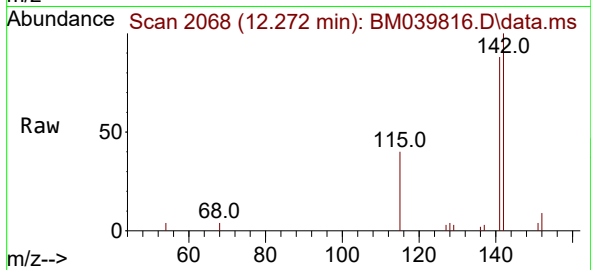




#7
2-Methylnaphthalene
Concen: 0.382 ng/ul
RT: 12.272 min Scan# 2068
Delta R.T. 0.000 min
Lab File: BM039816.D
Acq: 03 May 2023 00:07

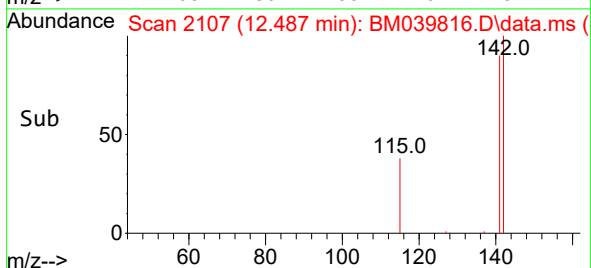
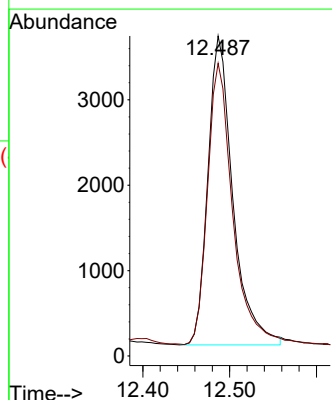
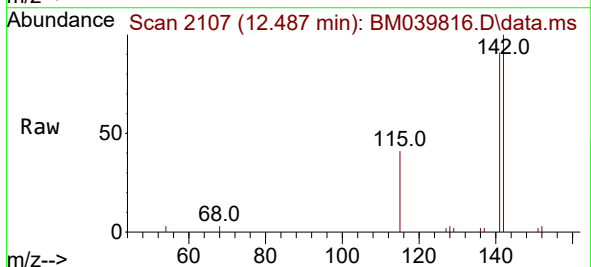
Instrument :
BNA_M
ClientSampleId :
SSTD0.4095

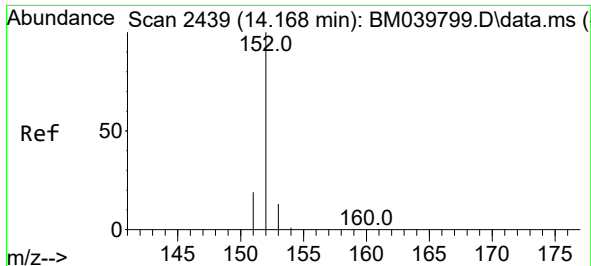
Tgt Ion:142 Resp: 6970
Ion Ratio Lower Upper
142 100
141 91.7 73.2 109.8



#8
1-Methylnaphthalene
Concen: 0.370 ng/ul
RT: 12.487 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BM039816.D
Acq: 03 May 2023 00:07

Tgt Ion:142 Resp: 7257
Ion Ratio Lower Upper
142 100
141 91.1 73.4 110.2

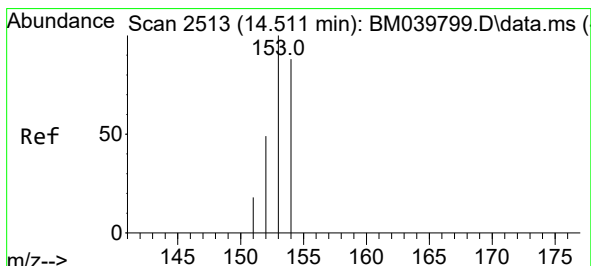
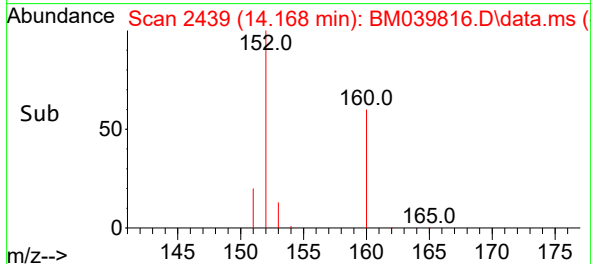
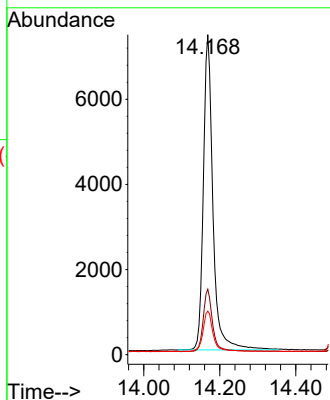
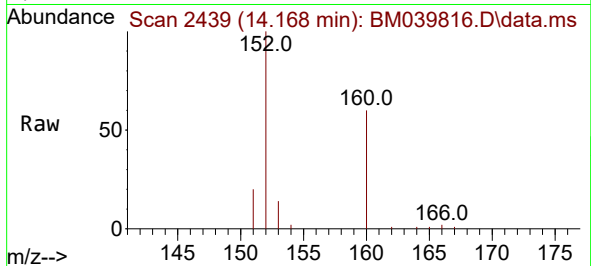




#10
Acenaphthylene
Concen: 0.520 ng/ul
RT: 14.168 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BM039816.D
Acq: 03 May 2023 00:07

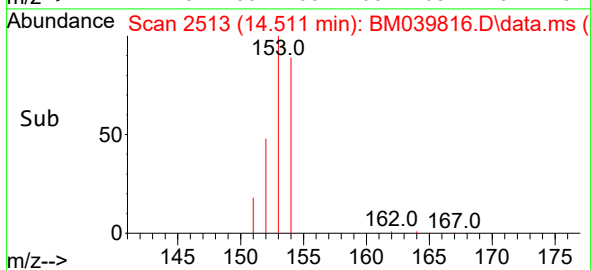
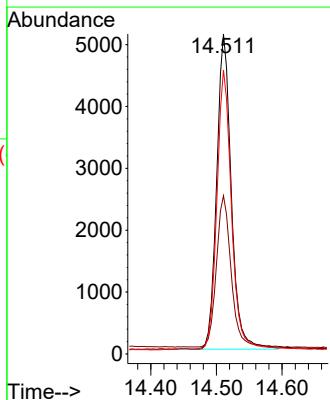
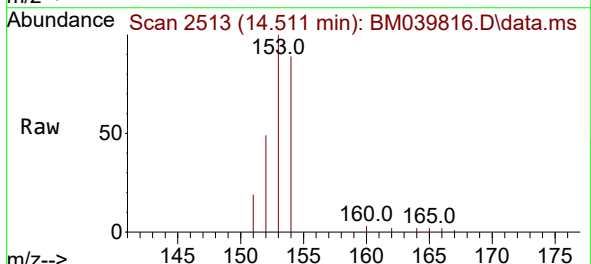
Instrument :
BNA_M
ClientSampleId :
SSTD0.4095

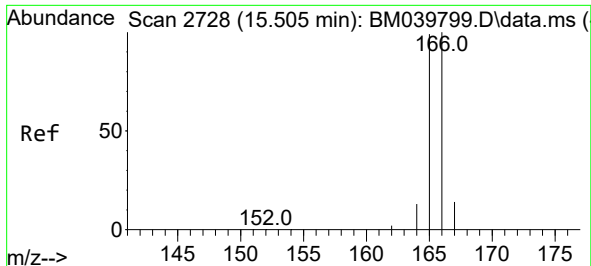
Tgt Ion:152 Resp: 12942
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 13.6 11.2 16.8



#11
Acenaphthene
Concen: 0.402 ng/ul
RT: 14.511 min Scan# 2513
Delta R.T. 0.000 min
Lab File: BM039816.D
Acq: 03 May 2023 00:07

Tgt Ion:153 Resp: 7857
Ion Ratio Lower Upper
153 100
152 49.5 40.6 61.0
154 88.7 71.9 107.9

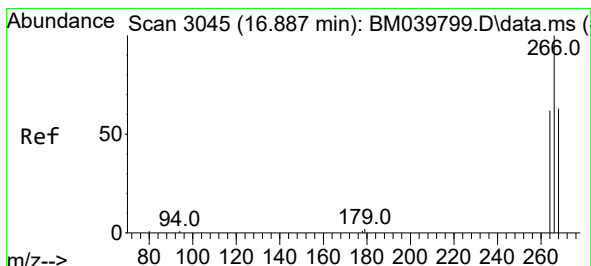
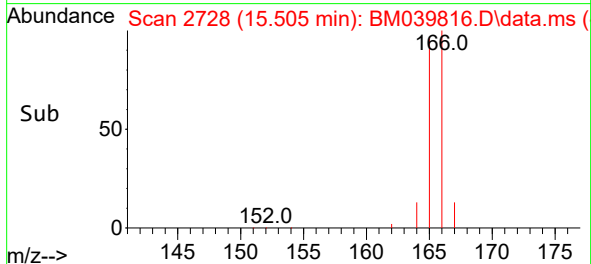
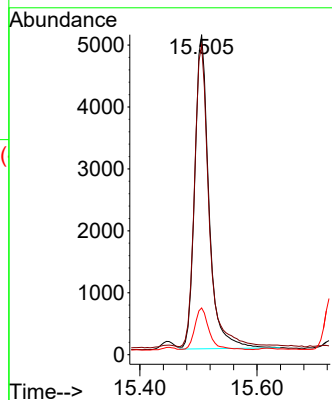
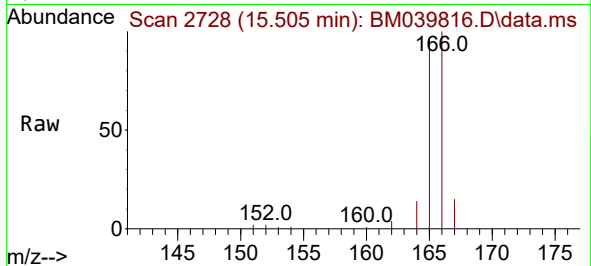




#12
Fluorene
Concen: 0.393 ng/ul
RT: 15.505 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039816.D
Acq: 03 May 2023 00:07

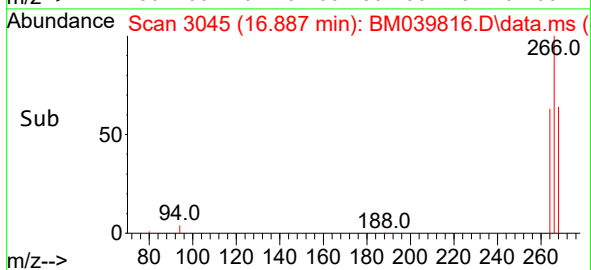
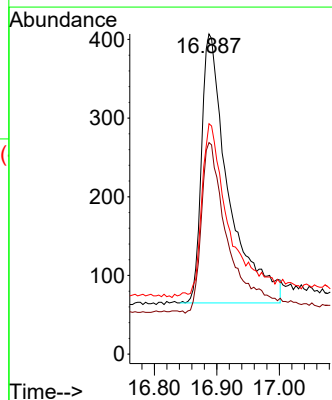
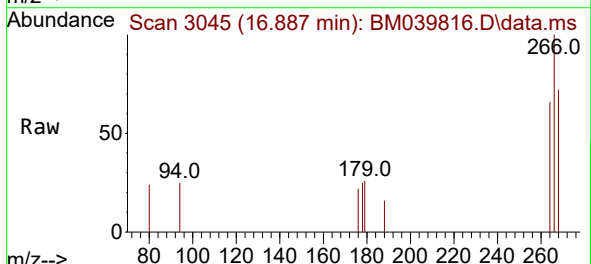
Instrument :
BNA_M
ClientSampleId :
SSTD0.4095

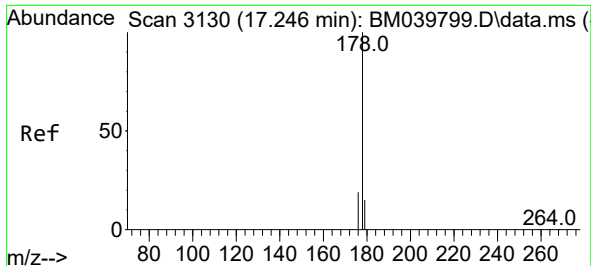
Tgt Ion:166 Resp: 8533
Ion Ratio Lower Upper
166 100
165 96.7 79.0 118.6
167 14.6 11.8 17.6



#14
Pentachlorophenol
Concen: 0.401 ng/ul
RT: 16.887 min Scan# 3045
Delta R.T. 0.000 min
Lab File: BM039816.D
Acq: 03 May 2023 00:07

Tgt Ion:266 Resp: 1024
Ion Ratio Lower Upper
266 100
264 63.8 48.8 73.2
268 66.7 50.4 75.6

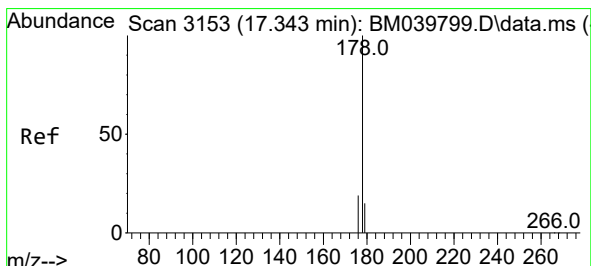
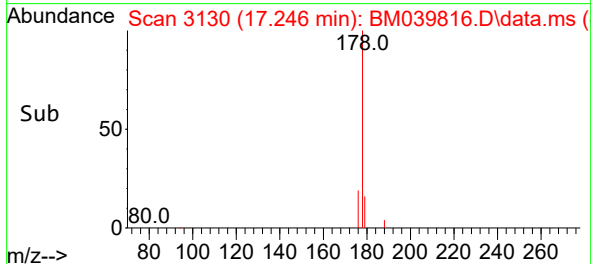
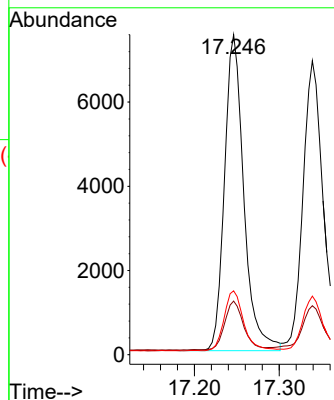
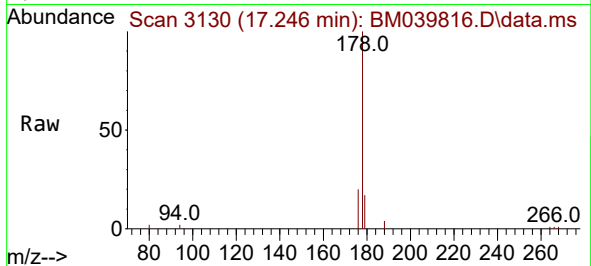




#15
Phenanthrene
Concen: 0.384 ng/ul
RT: 17.246 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BM039816.D
Acq: 03 May 2023 00:07

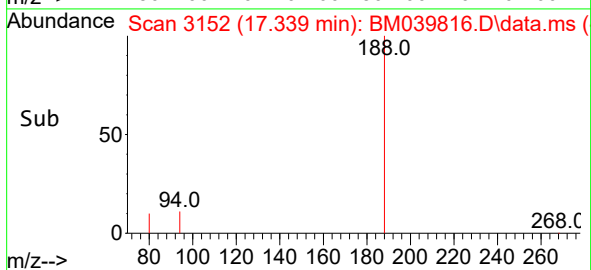
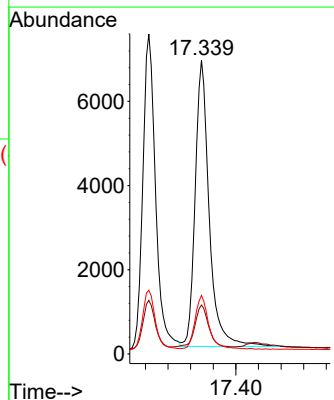
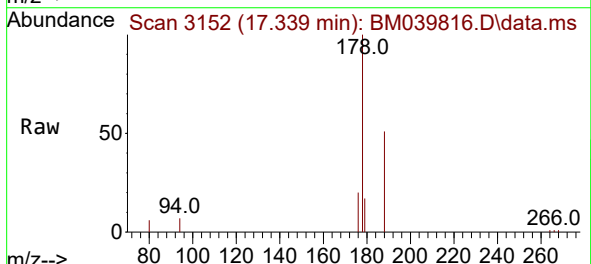
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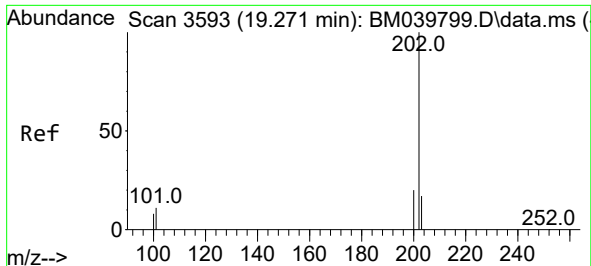
Tgt Ion:178 Resp: 11858
Ion Ratio Lower Upper
178 100
179 16.8 13.0 19.6
176 19.9 15.8 23.8



#16
Anthracene
Concen: 0.442 ng/ul
RT: 17.339 min Scan# 3152
Delta R.T. -0.004 min
Lab File: BM039816.D
Acq: 03 May 2023 00:07

Tgt Ion:178 Resp: 11730
Ion Ratio Lower Upper
178 100
179 16.6 13.8 20.6
176 19.9 15.8 23.8

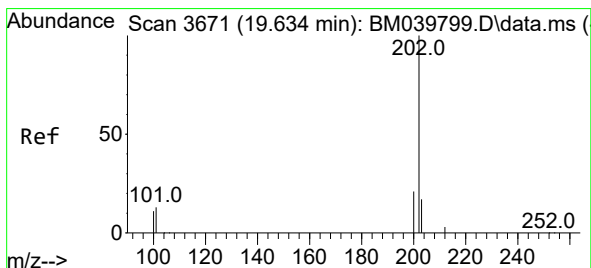
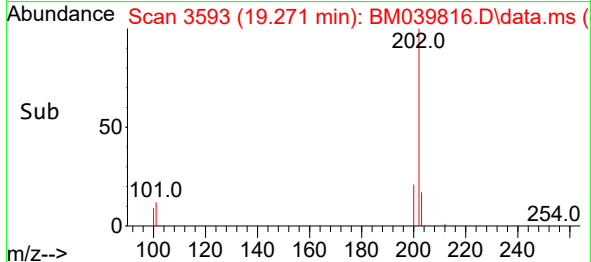
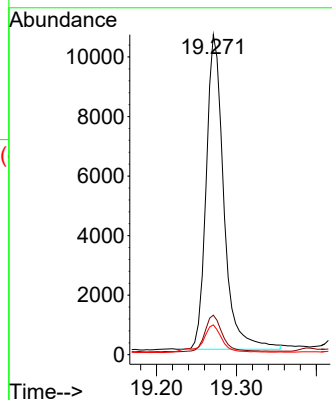
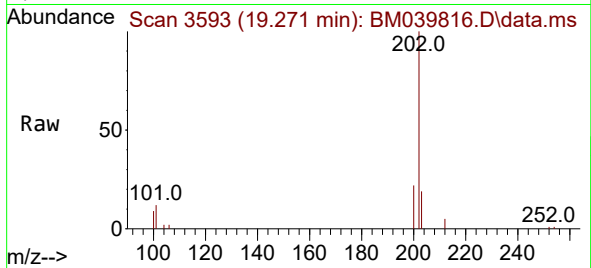




#19
Fluoranthene
Concen: 0.492 ng/ul
RT: 19.271 min Scan# 3593
Delta R.T. 0.000 min
Lab File: BM039816.D
Acq: 03 May 2023 00:07

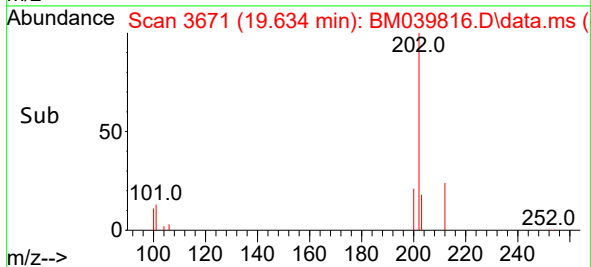
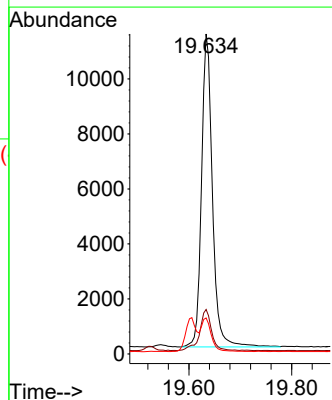
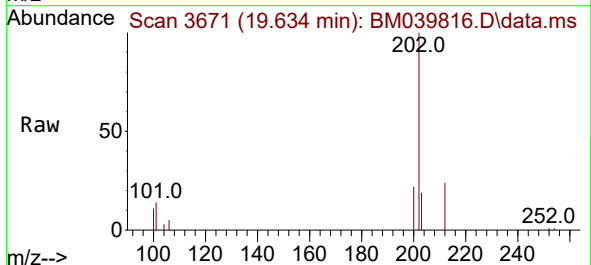
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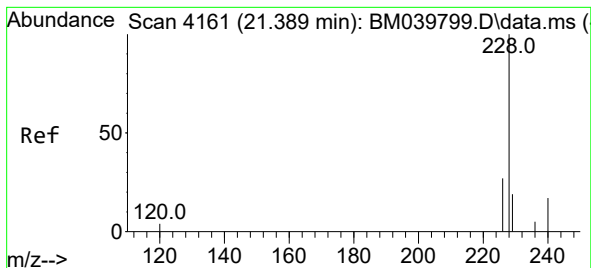
Tgt Ion:202 Resp: 16163
Ion Ratio Lower Upper
202 100
101 12.3 9.8 14.8
100 9.3 7.3 10.9



#20
Pyrene
Concen: 0.473 ng/ul
RT: 19.634 min Scan# 3671
Delta R.T. 0.000 min
Lab File: BM039816.D
Acq: 03 May 2023 00:07

Tgt Ion:202 Resp: 16782
Ion Ratio Lower Upper
202 100
101 13.9 10.9 16.3
100 11.3 8.9 13.3





#21

Benzo(a)anthracene

Concen: 0.577 ng/ul

RT: 21.389 min Scan# 4161

Delta R.T. 0.000 min

Lab File: BM039816.D

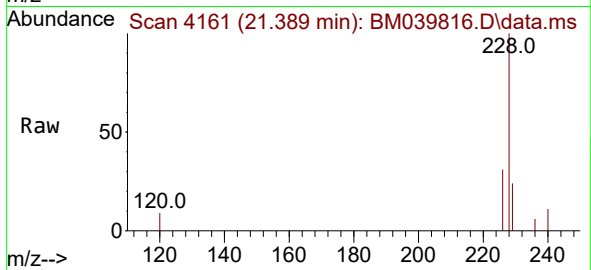
Acq: 03 May 2023 00:07

Instrument :

BNA_M

ClientSampleId :

SSTD0.4095



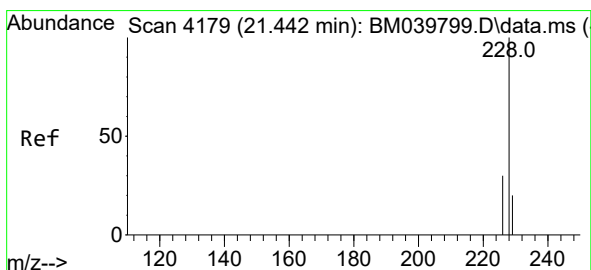
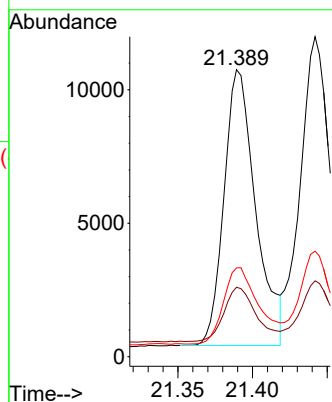
Tgt Ion:228 Resp: 15272

Ion Ratio Lower Upper

228 100

229 24.2 16.2 24.2

226 30.9 21.6 32.4



#22

Chrysene

Concen: 0.570 ng/ul

RT: 21.442 min Scan# 4179

Delta R.T. 0.000 min

Lab File: BM039816.D

Acq: 03 May 2023 00:07

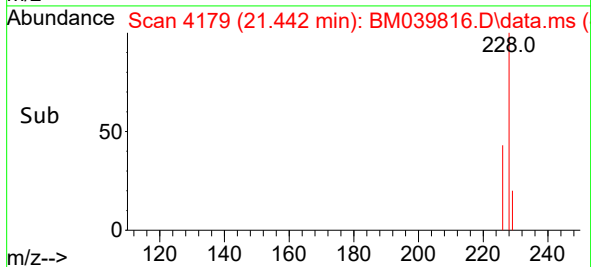
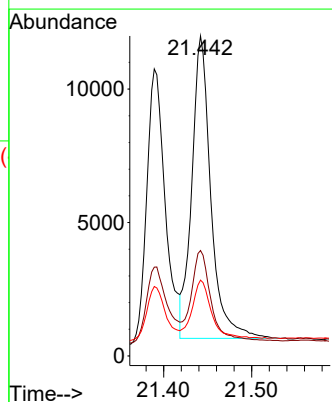
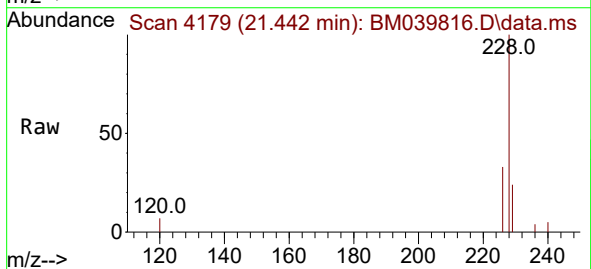
Tgt Ion:228 Resp: 17074

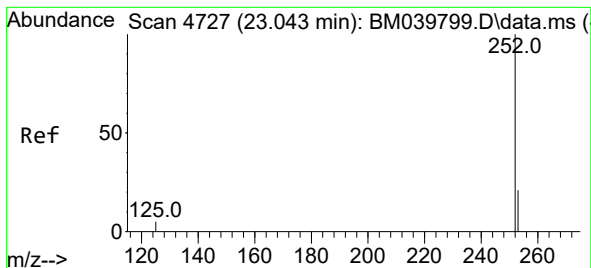
Ion Ratio Lower Upper

228 100

226 33.0 24.3 36.5

229 23.7 15.9 23.9





#24

Benzo(b)fluoranthene

Concen: 0.581 ng/ul

RT: 23.043 min Scan# 4727

Delta R.T. 0.000 min

Lab File: BM039816.D

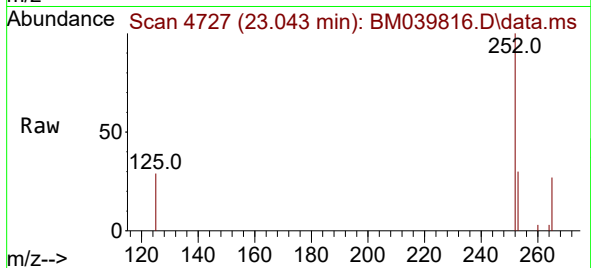
Acq: 03 May 2023 00:07

Instrument :

BNA_M

ClientSampleId :

SSTD0.4095



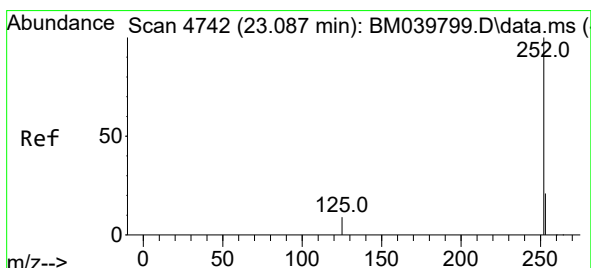
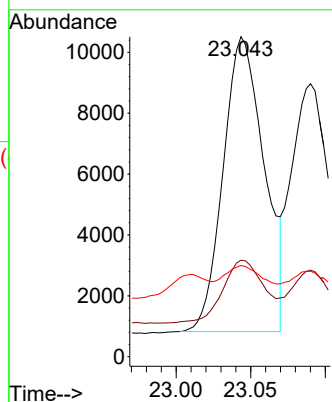
Tgt Ion:252 Resp: 18556

Ion Ratio Lower Upper

252 100

253 30.2 0.0 52.8

125 28.5 0.0 31.6



#25

Benzo(k)fluoranthene

Concen: 0.461 ng/ul

RT: 23.090 min Scan# 4743

Delta R.T. 0.003 min

Lab File: BM039816.D

Acq: 03 May 2023 00:07

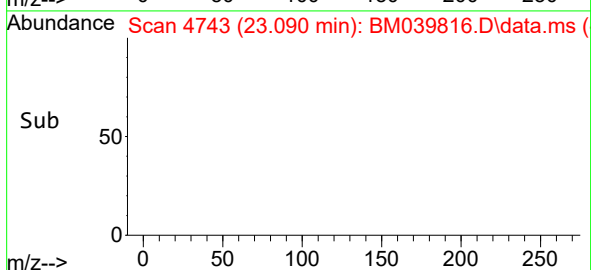
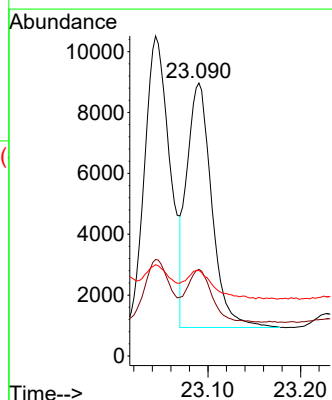
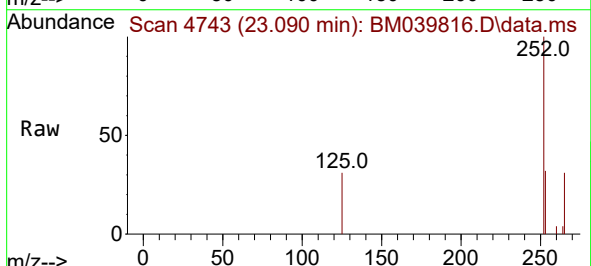
Tgt Ion:252 Resp: 14986

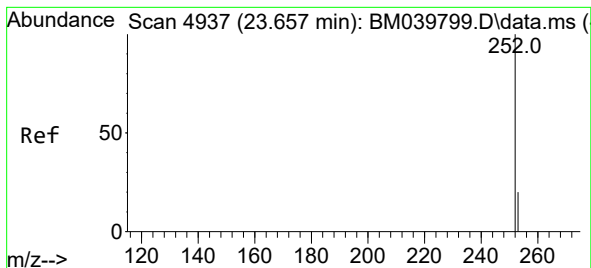
Ion Ratio Lower Upper

252 100

253 31.7 21.3 31.9

125 31.3 13.0 19.6#





#26

Benzo(a)pyrene

Concen: 0.431 ng/ul

RT: 23.654 min Scan# 4936

Delta R.T. -0.003 min

Lab File: BM039816.D

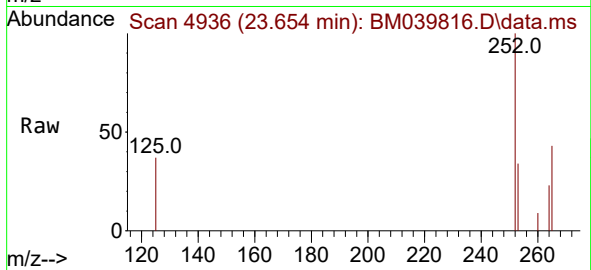
Acq: 03 May 2023 00:07

Instrument :

BNA_M

ClientSampleId :

SSTD0.4095



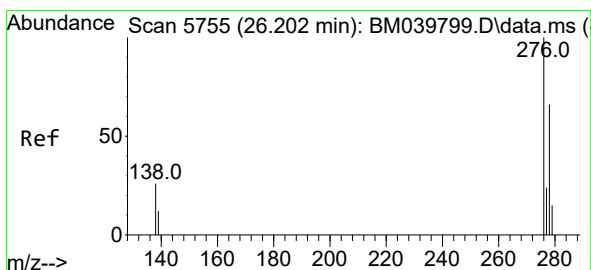
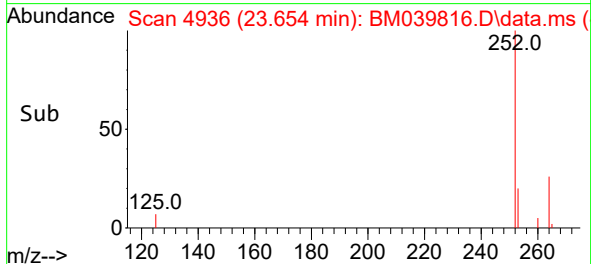
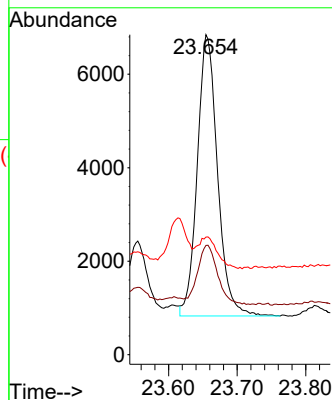
Tgt Ion:252 Resp: 12366

Ion Ratio Lower Upper

252 100

253 34.2 24.7 37.1

125 36.8 16.5 24.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.437 ng/ul

RT: 26.206 min Scan# 5756

Delta R.T. 0.003 min

Lab File: BM039816.D

Acq: 03 May 2023 00:07

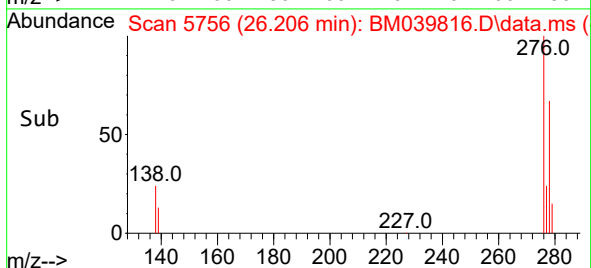
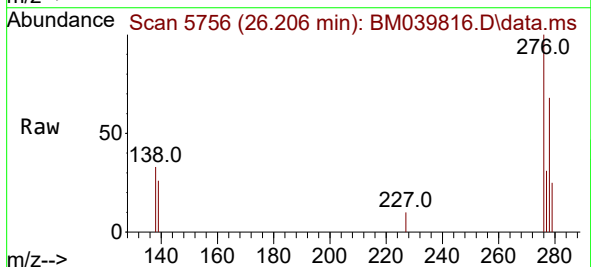
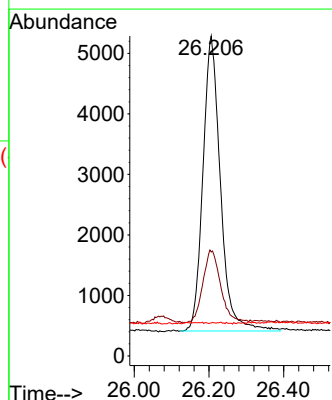
Tgt Ion:276 Resp: 15854

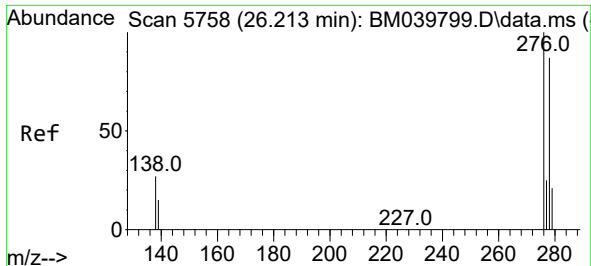
Ion Ratio Lower Upper

276 100

138 25.0 21.1 31.7

227 0.1 0.1 0.1#

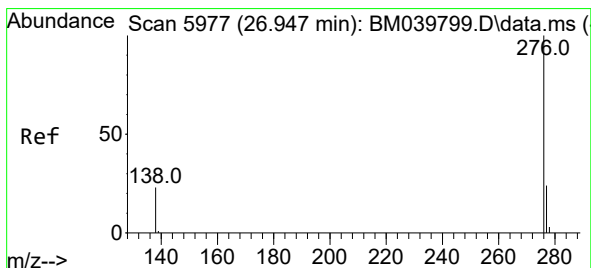
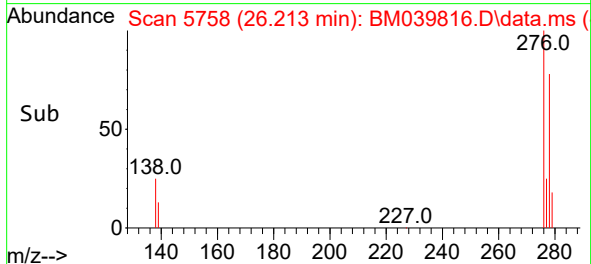
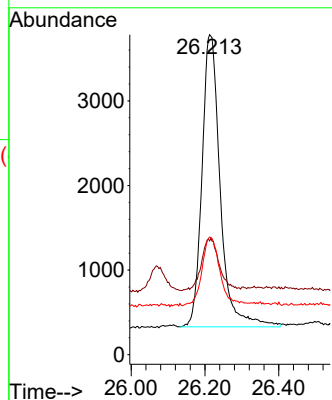
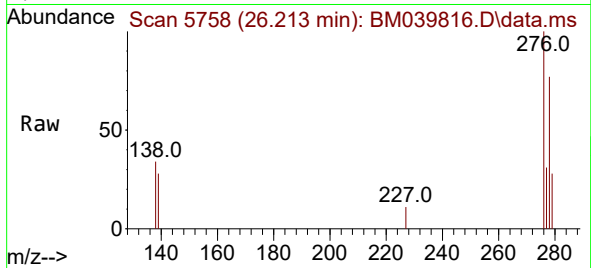




#28
Dibenzo(a,h)anthracene
Concen: 0.420 ng/ul
RT: 26.213 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM039816.D
Acq: 03 May 2023 00:07

Instrument :
BNA_M
ClientSampleId :
SSTD0.4095

Tgt Ion:278 Resp: 11829
Ion Ratio Lower Upper
278 100
139 35.6 17.0 25.6#
279 36.8 23.4 35.2#



#29
Benzo(g,h,i)perylene
Concen: 0.416 ng/ul
RT: 26.960 min Scan# 5981
Delta R.T. 0.013 min
Lab File: BM039816.D
Acq: 03 May 2023 00:07

Tgt Ion:276 Resp: 13135
Ion Ratio Lower Upper
276 100
138 33.3 20.1 30.1#
277 32.1 20.1 30.1#

